

Electronic Acknowledgement Receipt

EFS ID:	3478145
Application Number:	10521582
International Application Number:	
Confirmation Number:	4027
Title of Invention:	Frequency domain equalization in communications systems with scrambling
First Named Inventor/Applicant Name:	Shiquan Wu
Customer Number:	27160
Filer:	RICHARD P BAUER/Margaret Collard
Filer Authorized By:	RICHARD P BAUER
Attorney Docket Number:	213222.00098
Receipt Date:	18-JUN-2008
Filing Date:	18-JAN-2005
Time Stamp:	15:34:34
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$180
RAM confirmation Number	960
Deposit Account	501710
Authorized User	ROSE,ALLEN

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement Letter	IDS_Cover_Letter_213222_98.pdf	66162	no	2
			047c9d7410161d3c5f0157f352df542554ff0020		
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Filed	IDS_Form_SB08A_213222_98.pdf	272315	no	4
			943d08a3a7e498c44dd14c692b2267630a5980cb		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
3	Foreign Reference	FP1_EP1119146A2.pdf	1346134	no	23
			900cfc981127cf3948ca91e1e867e78304978967		
Warnings:					
Information:					
4	NPL Documents	NPLD3_International_Search_Report_PCTCA0301018.pdf	114363	no	3
			00ab9ee1d7039565baeaca67e73b86c2bee46cfc		
Warnings:					
Information:					
5	NPL Documents	NPLD1_Falconer.pdf	939880	no	8
			7a55874ac2603965583f0c0fdb0bb4f91d6a2cec		
Warnings:					
Information:					
6	NPL Documents	NPLD2_Muquet.pdf	659310	no	4
			2ff843a00737552de0d1449cac653f4bd7c459c2		
Warnings:					
Information:					
7	Fee Worksheet (PTO-06)	fee-info.pdf	8221	no	2
			0869fcef1e45d024ea68dde3d3757dc3375b4265		
Warnings:					
Information:					
Total Files Size (in bytes):			3406385		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.